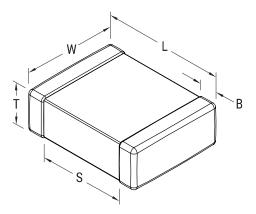
## KEMET Part Number: C0805C103Z5UACTU

(C0805C103Z5UAC7800)



SMD Comm Z5U, Ceramic, 0.01 uF, -20/+80%, 50 VDC, Z5U, SMD, MLCC, General Purpose, Class III, 0805



Dimensions		
L	2mm +/-0.2mm	
W	1.25mm +/-0.2mm	
Т	0.78mm +/-0.10mm	
S	0.75mm MIN	
В	0.5mm +/-0.25mm	

Packaging Specifications		
Packaging:	T&R, 180mm, Paper Tape	
Packaging Quantity:	4000	

General Information	
Supplier:	KEMET
Series:	SMD Comm Z5U
Style:	SMD Chip
Description:	SMD, MLCC, General Purpose, Class III
Features:	Class III
RoHS:	Yes
Termination:	Tin
Marking:	No
Miscellaneous:	Note: Referee time for Z5U dielectric for this part number is 1000 hours
Chip Size:	0805
Shelf Life:	78 Weeks
MSL:	1

Specifications		
Capacitance:	0.01 uF	
Capacitance Tolerance:	-20/+80%	
Voltage DC:	50 VDC	
Dielectric Withstanding Voltage:	125 VDC	
Temperature Range:	+10/+85C	
Temperature Coefficient:	Z5U	
Dissipation Factor:	4.00% 1kHz 25C	
Aging Rate:	7% Loss/Decade Hour	
Insulation Resistance:	10 GOhms	

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